

11/16

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JC825 U.S. PRO
09/704565
11/03/00



In re Appln. of :) Attorney Docket No. 47382.000110
DiDOMENICO, et al.) Group Art Unit: 2736
Serial No.: Not Yet Assigned) Examiner: Not Assigned
(Cont. of 09/520,165))
Filed: November 3, 2000)
)

For: REMOTE EMISSIONS SENSING SYSTEM AND METHOD WITH
A COMPOSITE BEAM OF IR AND UV RADIATION THAT IS NOT
SPLIT FOR DETECTION

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with 37 C.F.R. §§1.56, 1.97 and 1.98, applicants submit the patent documents listed on the attached Form PTO-1449 to the Examiner for consideration in connection with the examination of the above-identified application.

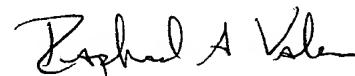
Each of the listed documents is generally relevant to the subject matter of the application.

Applicants respectfully request the Examiner to consider the references and to indicate that the references have been considered in this application by returning a copy of the Form PTO-1449 with the Examiner's initials in the left column per MPEP 609.

This Information Disclosure Statement is being submitted before the mailing of a first Office Action. Accordingly, no fees are due. However, if any fees are incurred in connection with this Information Disclosure Statement, please charge the undersigned's Deposit Account No. 50-0206.

Respectfully submitted,

HUNTON & WILLIAMS



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Date: November 3, 2000

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE								ATTY. DOCKET NO.: 47382.000110	SERIAL NO.: Unassigned: Cont. of 09/520,165
LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary)										INVENTOR'S NAME: DIDOMENICO et al.	EXAMINER: Not Assigned
										FILING DATE: November 3, 2000	GROUP: 2736 2878

JC825 U.S. PRO
 09/104566
 11/13/00

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	2	9	3	0	8	9	3	03/1960	Lane, et al.			
	B	3	1	4	3	6	4	8	08/04/64	Bradley, et al.			
	C	3	1	7	1	0	2	7	02/1965	Wallack			
	D	3	5	1	7	1	9	0	06/1970	Astheimer			
	E	3	5	9	3	0	2	3	07/1971	Dodson, et al.			
	F	3	6	3	0	0	7	2	12/1971	Traver			
	G	3	6	9	6	2	4	7	10/1972	McIntosh, et al.			
	H	3	7	6	1	7	1	5	09/1973	Ménzies			
	I	3	7	6	1	7	2	4	09/1973	Dennis			
	J	3	7	6	6	3	8	0	10/1973	Menzie			
	K	3	8	4	1	7	6	3	10/1974	Lewis			
	L	3	8	4	9	0	0	5	11/1974	Girard, et al.			
	M	3	8	9	1	8	4	8	06/1975	Fletcher, et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
													YES NO
	N												
	O												
	P												
	Q												

OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)

	R	Chaney, Lucian W., "The Remote Measurement of Traffic Generated Carbon Monoxide", Journal of the Air Pollution Control Association, Vol. 33, No. 3, March 1983.
	S	Peterson, James E., and Stedman, Donald H., "Find and Fix the Polluters", American Chemical Society, CHEMTECH, Jan. 1992

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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									INVENTOR'S NAME: DIDOMENICO et al.	EXAMINER: Not Assigned	
									FILING DATE: November 3, 2000	GROUP: <i>236 2373</i>	
(Use several sheets if necessary)											

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A1	3	9	0	8	1	6	7	09/1975	Hadden, et al.			
	B1	3	9	3	1	4	6	2	01/1976	Exton			
	C1	3	9	5	7	3	7	2	05/1976	Cross, et al.			
	D1	3	9	5	8	1	2	2	05/1976	Cross, et al.			
	E1	3	9	7	6	8	8	4	08/1976	Acton, et al.			
	F1	4	1	3	5	0	9	2	01/1979	Milly			
	G1	4	1	6	0	3	7	3	07/1979	Cross, et al.			
	H1	4	2	0	4	1	2	1	05/1980	Milly			
	I1	4	2	0	4	7	6	8	05/1980	N'Guyen			
	J1	4	3	2	3	7	7	7	04/1982	Baskins			
	K1	4	3	9	0	7	8	5	06/1983	Faulhaber, et al.			
	L1	4	4	2	0	6	8	7	12/1983	Martinez, et al.			
	M1	4	4	2	6	6	4	0	01/1984	Becconsall, et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
														YES	NO
	N1														
	O1														
	P1														
	Q1														

OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)

R1	Bishop, Gary A., and Stedman, Donald H., "Analytical Approach -- IR Long-Path Photometry: A Remote Sensing Tool for Automotive Emissions; Analytical Chemistry, Vol. 61, No. 10, 617A, May 15, 1989;
S1	

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LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary)										INVENTOR'S NAME: DIDOMENICO et al.	EXAMINER: Not Assigned
										FILING DATE: November 3 2000	GROUP: 2736 2878

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A2	4	4	7	7	1	9	0		10/1984	Dickinson, et al..			
	B2	4	4	8	9	2	3	9		12/1984	Grant, et al.			
	C2	4	4	9	0	0	4	3		12/1984	Cramp			
	D2	4	4	9	0	6	1	3		12/1984	Brame			
	E2	4	4	9	2	8	6	2		01/1985	Grynb erg, et al.			
	F2	4	4	9	6	8	3	9		01/1985	Berstein, et al.			
	G2	4	5	1	6	8	5	8		05/1985	Gelbwachs			
	H2	4	5	5	3	0	3	2		11/1985	Borken, et al.			
	I2	4	7	0	7	6	0	3		11/1987	Jaatinen, et al.			
	J2	4	7	1	0	6	3	0		12/1987	Kuppenheimer, et al.			
	K2	4	7	4	6	2	1	8		05/1988	Lord			
	L2	4	7	7	1	1	7	6		09/1988	Krempl, et al.			
	M2	4	7	9	5	2	5	3		01/1989	Hunt, et al.			

FOREIGN PATENT DOCUMENTS

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FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE								ATTY. DOCKET NO.: 47382.000101	SERIAL NO.: Unassigned: Cont. of 09/520,165
LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary)										INVENTOR'S NAME: DIDOMENICO et al.	EXAMINER: Not Assigned
										FILING DATE: November 3, 2000	GROUP: 2936 2878

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A3	4	7	9	8	4	6	4		01/1989	Boostrom			
	B3	4	8	1	0	8	8	4		03/1989	Carlson			
	C3	4	8	7	5	0	8	4		10/1989	Tohyama			
	D3	4	9	0	2	8	8	9		02/1990	Sodi			
	E3	4	9	2	4	0	9	5		05/1990	Swanson, Jr.			
	F3	5	0	4	1	7	2	3		08/1991	Ishida, et al.			
	G3	5	0	5	5	6	8	5		10/1991	Iwasawa			
	H3	5	0	5	5	6	9	7		10/1991	Manoogian, et al.			
	I3	5	1	5	7	2	5	8		10/1992	Gluck, et al.			
	J3	5	1	8	9	6	7	7		02/1993	Yry			
	K3	5	2	1	0	7	0	2		05/1993	Bishop, et al.			
	L3	5	2	1	0	7	6	5		05/1993	Chenery, et al.			
	M3	5	2	4	6	8	6	8		09/1993	Busch, et al.			

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	Q3													

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LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary)										INVENTOR'S NAME: DIDOMENICO et al.		EXAMINER: Not Assigned	
										FILING DATE: November 3 2000		GROUP: 3736 2378	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A4	5	2	5	2	8	2	8		10/1993	Kert, et al.			
	B4	5	2	9	4	7	9	6		03/1994	Fee			
	C4	5	3	1	9	1	9	9		06/1994	Bishop, et al.			
	D4	5	3	2	5	3	8	0		06/1994	Berg, et al.			
	E4	5	3	2	5	3	9	3		06/1994	Nighan, et al.			
	F4	5	3	2	7	3	5	6		07/1994	Dall'Era, et al.			
	G4	5	3	4	3	j0	4	3		08/1994	Johnson			
	H4	5	3	7	1	3	6	7		12/1994	DiDomenico, et al.			
	I4	5	3	7	3	1	6	0		12/1994	Taylor			
	J4	5	4	0	1	9	6	7		03/1995	Bishop, et al.			
	K4	5	4	1	8	3	6	6		05/1995	Jack, et al.			
	L4	5	4	2	4	5	4	3		06/1995	Dombrowski, et al.			
	M4	5	4	5	1	7	8	7		09/1995	Taylor			

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	A5	5	4	8	9	7	7	7	02/1996	Bishop, et al.			
	B5	5	4	9	8	8	7	2	03/1996	Bishop, et al.			
	C5	5	5	9	1	9	7	5	01/1997	Jack, et al.			
	D5	5	7	2	6	4	5	0	03/1998	Bahan, et al.			
	E5	4	2	0	4	7	6	8	05/1980	N'Guyen			
	F5												
	G5												
	H5												
	I5												
	J5												
	K5												
	L5												
	M5												

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	P5													
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Notice of References Cited	Application/Control No.	Applicant(s)/Patent Under Reexamination DIDOMENICO ET AL.	
	Examiner Otilia Gabor	Art Unit 2878	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-5489777-A	02-1996	Stedman et al.	250/338.5
*	B	US-6307201-B1	10-2001	DiDomenico et al.	250/339.13
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.